

Title (en)  
PHOTOVOLTAIC DEVICE

Title (de)  
PV-ELEMENT

Title (fr)  
DISPOSITIF PHOTOVOLTAÏQUE

Publication  
**EP 2695204 A1 20140212 (EN)**

Application  
**EP 12726183 A 20120418**

Priority  
• IT RM20110361 A 20110711  
• IB 2012051934 W 20120418

Abstract (en)  
[origin: WO2013008105A1] The present invention relates to a photovoltaic device using luminescent solar concentrators for converting solar energy into electric energy. More generally, the invention relates to a photovoltaic panel comprising a plurality of said photovoltaic devices arranged on its surface.

IPC 8 full level  
**H01L 31/052** (2006.01); **H01L 31/042** (2006.01); **H01L 31/048** (2006.01); **H01L 31/055** (2006.01)

CPC (source: CN EP US)  
**H01L 31/02322** (2013.01 - US); **H01L 31/048** (2013.01 - CN EP US); **H01L 31/0543** (2014.12 - EP US); **H01L 31/0547** (2014.12 - EP US); **H01L 31/055** (2013.01 - CN EP US); **H01L 31/056** (2014.12 - EP US); **H02S 20/00** (2013.01 - EP US); **H02S 20/30** (2014.12 - EP US); **Y02E 10/52** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013008105A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013008105 A1 20130117**; AU 2012282149 A1 20131121; AU 2012282149 B2 20150205; BR 112013033470 A2 20170124; BR 112013033470 B1 20210420; CN 103597611 A 20140219; EP 2695204 A1 20140212; EP 2695204 B1 20150318; ES 2535648 T3 20150513; IL 229332 A0 20140130; IL 229332 B 20180131; IT RM20110361 A1 20130112; JP 2014523137 A 20140908; JP 6165140 B2 20170719; RU 2013152797 A 20150820; RU 2587530 C2 20160620; US 2014345672 A1 20141127; ZA 201309509 B 20140827

DOCDB simple family (application)  
**IB 2012051934 W 20120418**; AU 2012282149 A 20120418; BR 112013033470 A 20120418; CN 201280025388 A 20120418; EP 12726183 A 20120418; ES 12726183 T 20120418; IL 22933213 A 20131107; IT RM20110361 A 20110711; JP 2014519647 A 20120418; RU 2013152797 A 20120418; US 201214117584 A 20120418; ZA 201309509 A 20131217